

Title (en)

MULTI-LAYER TUBES OR CONDUITS AND MANUFACTURING METHODS THEREFOR

Title (de)

MEHRSCHICHTIGE ROHRE BZW. LEITUNGEN UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

TUBES OU CONDUITES MULTICOUCHE ET PROCÉDÉS DE FABRICATION DE CEUX-CI

Publication

**EP 2117810 A4 20100915 (EN)**

Application

**EP 07862201 A 20071121**

Priority

- US 2007024341 W 20071121
- US 86165806 P 20061129

Abstract (en)

[origin: WO2008066768A1] This invention relates to foamed products and methods for manufacture and, more particularly, to foamed products manufactured by continuous formation in a substantially cylindrical configuration and comprising a plurality of layers and/or a plurality of components.

IPC 8 full level

**B29C 53/60** (2006.01); **B29C 53/78** (2006.01)

CPC (source: EP US)

**B29C 53/60** (2013.01 - EP US); **B29C 53/78** (2013.01 - EP US); **B29K 2105/04** (2013.01 - EP US); **B29K 2995/0015** (2013.01 - EP US); **Y10T 428/13** (2015.01 - EP US); **Y10T 428/1376** (2015.01 - EP US)

Citation (search report)

- [X] EP 0046080 A2 19820217 - ANSELM ANTHONY CESAR
- [X] EP 1232849 A2 20020821 - NEWELL OPERATING CO [US]
- [X] US 2748805 A 19560605 - WINSTEAD THOMAS W
- [X] GB 2318531 A 19980429 - WEIZMANN KIRYAT MEMBRANE PROD [IL]
- [XA] US 3700520 A 19721024 - HIELEMA RALPH
- [A] US 3916953 A 19751104 - NAGAYOSHI AKIO, et al
- [A] US 4214612 A 19800729 - DE PUTTER WARREN J [NL]
- See references of WO 2008066768A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2008066768 A1 20080605**; **WO 2008066768 A8 20090813**; BR PI0719684 A2 20131224; CA 2669966 A1 20080605; CN 101605649 A 20091216; EP 2117810 A1 20091118; EP 2117810 A4 20100915; JP 2010510917 A 20100408; MX 2009005229 A 20100322; US 2008138553 A1 20080612

DOCDB simple family (application)

**US 2007024341 W 20071121**; BR PI0719684 A 20071121; CA 2669966 A 20071121; CN 200780043850 A 20071121; EP 07862201 A 20071121; JP 2009539273 A 20071121; MX 2009005229 A 20071121; US 98661907 A 20071121